

**Year 2000 Ammonia Emission Inventory
for the South Coast Air Quality Management District**

Charts Provided Below

Category	Source	NH3 (tons/day)	% of Total
Livestock	Horses and Ponies	4.32	2.4%
Livestock	Beef Cows	2.4	1.3%
Livestock	Milk Cows	21.2	11.7%
Livestock	Heifers and heifer calves	6.59	3.6%
Livestock	Steers, steer calves, bulls and bull calves	2.26	1.2%
Livestock	Hogs and pigs	0.5	0.3%
Livestock	Layers	NA	NA
Livestock	Pullet	NA	NA
Livestock	Layers and Pullets	22.1	12.2%
Livestock	Broilers and other meat-type chickens	0.49	0.3%
Livestock	Poultry	NA	NA
Livestock	Sheep and Lambs	0.53	0.3%
Livestock	goats	0.007	0.0%
Livestock	Rabbits	0.013	0.0%
Livestock	Mules	0.011	0.0%
Total Livestock		60.4	33.3%

Soil	Urban	5.93	3.3%
Soil	Agricultural	14.9	8.2%
Soil	Rangeland/Pasture	7.28	4.0%
Soil	Wetland	0.17	0.1%
Soil	Forest Land	4.07	2.2%
Soil	Barren Land	1.87	1.0%
Total Soil		34.2	18.8%

Fertilizer	On Farm Liquid	0.71	0.4%
Fertilizer	On Farm Dry	1.74	1.0%
Fertilizer	Non-Farm	3.63	2.0%
Fertilizer	Anyhdrous Ammonia	0	0.0%
Total Fertilizer		6.1	3.3%

Domestic	Cats	0.76	0.4%
Domestic	Dogs	7.05	3.9%
Domestic	Cigarette Smoking	0.0048	0.0%
Domestic	Household Ammonia Use	1.02	0.6%
Domestic	Human Perspiration	11.2	6.2%
Domestic	Human Respiration	0.07	0.0%
Domestic	Untreated Human Waste, Homeless	2.03	1.1%
Domestic	Cloth Diapers	0.95	0.5%
Domestic	Disposable Diapers	0.45	0.2%
Domestic	Untreated Human Waste, Other	1.02	0.6%
Total Domestic		24.6	13.5%

Mobile	On-Road Mobile	33.2	18.3%
Mobile	Mobile - Other	0.08	0.0%
Total Mobile		33.3	18.3%

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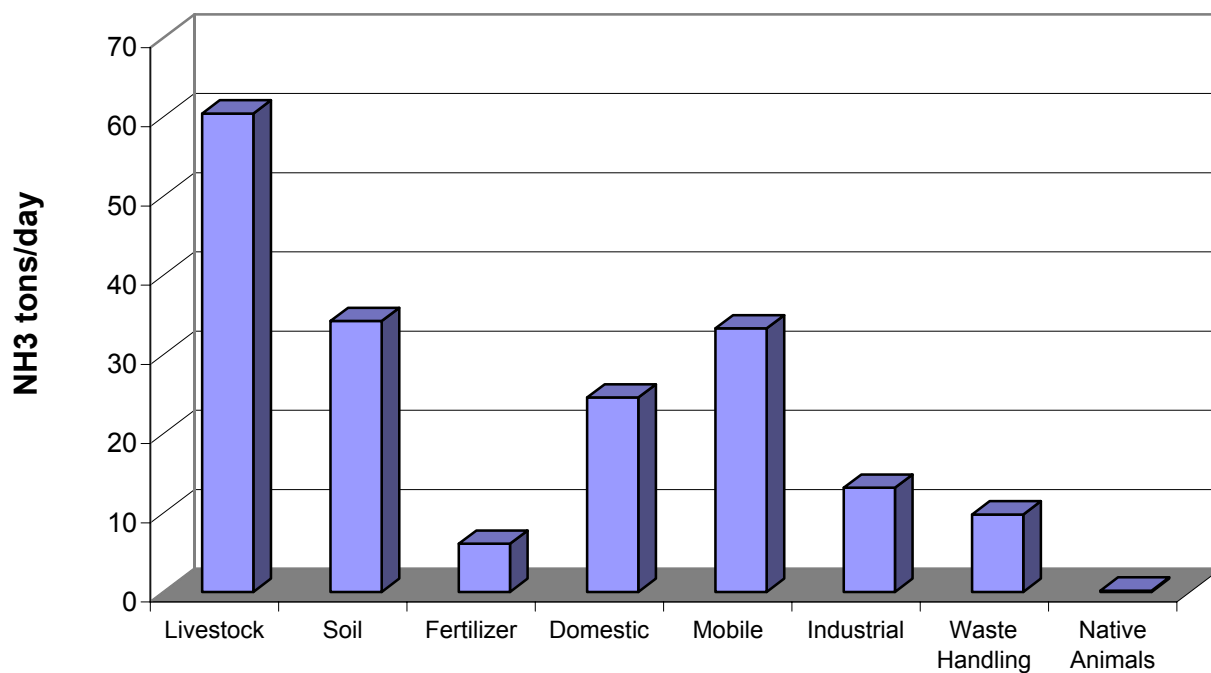
Category	Source	NH3 (tons/day)	% of Total
Industrial Sources	Refrigeration	4.9	2.7%
Industrial Sources	NOx Control	0.62	0.3%
Industrial Sources	Metal Treating	2.68	1.5%
Industrial Sources	Blue plating	0.2	0.1%
Industrial Sources	Wastewater Treatment (non-POTW)	0.13	0.1%
Industrial Sources	Traditional Point Sources	4.62	2.5%
Total Industrial		13.2	7.2%
Waste	Composting	9.69	5.3%
Waste	Landfills	0.0069	0.0%
Waste	Sewage Treatment	0.08	0.0%
Total Waste		9.8	5.4%
Native Animals	Deer	0.15	0.1%
Native Animals	Bear	0.018	0.0%
Total Native Animals		0.17	0.1%
Burning	Prescribed Burning	NA	NA
Grand Total		181.7	100.0%

NA - Not applicable

Data from:
Final 1997 Gridded Ammonia Emission Inventory Update for the South Coast Air Basin
Prepared by AVES, ENVIRON, others
for the SCAQMD, August 2000
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Data summary and graphics by Patrick Gaffney, PTSD
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SCAQMD 2002 Ammonia



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